

STANDARD FORM NO. 64

Office Memorandum

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UNITED STATES GOVERNMENT

TO : Director of Communications *the files*DATE: *RID*FROM : Chief, Engineering Staff, OC SUBJECT: (Project Termination with)

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1. The following is a chronological listing of events leading to the termination of work on the under Contract 602, Task Order 1.

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1 May 1958 SPS requested the Office of Logistics to arrange fixed price procurement of the CB-12, 13, and 14 from Corporation

12 May 1958 OL suggested CPFF procurement since these were not shelf items and development would be required. R+D was requested to handle the contract.

3 June 1958 Contract formalized for delivery of 3 recorders in 4 months (6 October 1958)

8 October 1958 CB-12 delivered and forwarded to R+D Laboratory for evaluation

29 October 1958 Contract completion date extended to 6 November 1958

18 December 1958 Laboratory evaluation of CB-12 suspended because of various malfunctions - equipment returned to contractor

28 December 1958 CB-13 delivered to the Agency and forwarded to the R+D Laboratory for evaluation

30 April 1959 \$4,941.00 additional funds and time extended to 31 May 1959

7 May 1959 Laboratory reported failure of the CB-13 under normal operating conditions - several suggested improvements

27 May 1959 Time extended to 30 June 1959

26 June 1959 Shipment of CB-13 back to contractor

25 August 1959 Time extended to 15 September 1959

28 August 1959 CB-12 returned to Agency

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23 October 1959 CB-12 returned to contractor for second time - motor failure

11 December 1959 Visit to contractor - learned chief engineer had left - no progress had been made - re-evaluating contractor's engineering staff, our project engineer recommended that no further development work be assigned. It was decided to avoid the company in the future and finish the present work as economically as possible.

21 December 1959 CB-13 shipped to Agency and forwarded to laboratory

9 March 1960 CB-12, CB-13, CB-14 now in Agency hands being evaluated

5 April 1960 All equipments rejected by R+D Lab because of equipment malfunction and some poor design

10 October 1960 Contract extended from 15 September 1959 to 30 September 1960 to cover repair work - preparation of schematic diagrams, drawings, and test data

November 1960 Final schematics were not supplied until suspension of final payment was threatened.

2. The MR-4 was procured on a fixed price purchase order issued by SP/EA. This unit was found satisfactory under normal test and inspection, however, motor failure occurred after acceptance. The trouble was traced to the motor electronics which contained damaged transistors. This was due to the accumulated effect of continuous exposure to high voltage peaks. ~~Protective circuitry will be designed into the unit by the new contractor.~~

3. Summary - The original 4-month program proposed by the contractor stretched to two years and still the equipment was unsatisfactory. All of the contractor's engineers who worked on this program had left his employ and there is little hope for improvement in their replacements. It was our best judgement to salvage the work accomplished by seeking higher quality engineering to remove the remaining design faults.

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